



Part number 86252

F150 Raptor Adjustable Camber/Caster Kit

Q1: Your web page states camber change of +/- 1.0 degree and caster change of +/- 1.5 degree for this kit. Will the adjusting cams change camber and caster more than the OE adjustment?

A1: No, these kits are designed to use the factory cut frame slots to adjust camber and caster. On this style of cam kit, the amount of change is always limited by the length of the frame bracket slot. The forces applied to the lower control arm make it very difficult to adjust camber and caster without installing a cam kit. These kits make adjusting the alignment angles easier and quicker.

Q2: When would you use the 86252 vs the 86250?

A2: The 86252 is designed to provide more clamp load than the OE bolt provides and offers two cams to make sure the bolt stays square during adjustment. SPC recommends it whenever the truck being worked on has had the OE cam bolt slip in the past or is going to be used in extreme situations. Just be aware, the kit cost twice as much and takes at least twice as long to install.

Q3: I need more adjustment than the OE slot provides. What should I do.

A3: SPC offers adjustable upper control arms, check out p/n 25680 for all the change you could ever need.

Q4: I have a 2005 F-150 and am installing the 86252 kit. The longer bolt in this kit looks like it might be too long for the front bushing, or is not tightening up properly. What should I do?

A4: On 2004-2008 F-150 trucks it is possible to run out of thread when tightening the forward bolt. Newer 86252 kits will have a 3mm washer and updated instructions included to make sure there is adequate thread length. If you have an older kit that does not have the extra washer, a 3-5mm thick washer can be added to ensure proper clamp is achieved.

